



**MIC-180 & MICS-180 *for PH-28C series***  
**Manifold Installation Controller for Multi-Unit Systems**  
**supports manifolding in 2 to 20 unit systems.**



**Installation Example**



**MIC-180 + MICS-180**

***The best Tankless solution for large commercial water heating applications!***

**MIC-180: Main Communication Controller for 2 units to 6 units.**

**MICS-180: Extended Communication Controller for 7 units to 20 units.**

***Endless Hot Water!***

Note: Proper gas and water pressure must be provided to ensure full performance of the PALOMA PH-28C.

Note: Piping must be "Parallel" piping only.

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## SPECIFICATIONS (Approx.)

Model	MIC-180	
Standard	Main Communication PCB for manifolding 2 to 6 PH-28C water heaters, mounting screws, manifold box, power supply cord and connector for optional hardwiring	
Installation	Indoor and Outdoor Wall Mounting Type	
Dimensions (inches)	13 3/4 (W) x 20 1/2 (H) x 5 5/16 (D)	
Net Weight (lbs)	13	
Hot Water Supply	Adjusting Range	100°F ~ 180°F (With Main Remote Control) 100°F ~ 120°F (With Bath Remote Control)
	Max. Setting	Up to 180°F (With Main Remote Control and Dip Switch Adjustment)
Electric Portion	Electric Rating	120 VAC/60Hz, Less than 3 Amps
	Power Supply	3 Pin Power Supply Cord 10 Feet (Indoor) Connector for optional hardwiring
	Fuse	5A x 1
LED & LED Lamp	Displays error codes and the number of the failed water heater (at the same time, the LED Lamp illuminates), and enables access to necessary maintenance information.	
MICS-180 (Sold Separately)	Extended Communication PCB for manifolding installations with 7 to 20 PH-28C water heaters	
Communication Cables (Sold Separately)	MIC-K-16: 16 Feet Communication Cable MIC-K-32: 32 Feet Communication Cable MIC-K-65: 65 Feet Communication Cable	

Since we are constantly improving our products, all specifications are subject to change without notice.

### Hot Water Flow Rate and Temperature Rise for Manifold Installations

Temp. Rise (°F)	2 Units GPM	3 Units GPM	4 Units GPM	5 Units GPM	6 Units GPM	10 Units GPM	15 Units GPM	20 Units GPM
140	4.8	7.2	9.6	12.0	14.4	24.0	36.0	48.0
130	5.2	7.8	10.4	13.0	15.6	26.0	39.0	52.0
120	5.6	8.4	11.2	14.0	16.8	28.0	42.0	56.0
110	6.2	9.3	12.4	15.5	18.6	31.0	46.5	62.0
100	6.8	10.2	13.6	17.0	20.4	34.0	51.0	68.0
90	7.4	11.1	14.8	18.5	22.2	37.0	55.5	74.0
80	8.4	12.6	16.8	21.0	25.2	42.0	63.0	84.0
70	9.6	14.4	19.2	24.0	28.8	48.0	72.0	96.0
60	11.2	16.8	22.4	28.0	33.6	56.0	84.0	112.0
50	13.4	20.1	26.8	33.5	40.2	67.0	100.5	134.0
45	14.8	22.2	29.6	37.0	44.4	74.0	111.0	148.0